

## **AMENDMENTS TO THE CLAIMS**

*The listing of claims will replace all prior versions and listings of claims in the application:*

1. (Currently Amended) A battery pack apparatus, comprising:  
a battery pack comprising a plurality of rechargeable batteries arranged in parallel and having heat medium passages formed therebetween;  
a heat insulation cover comprising a heat insulation material that covers a circumferential surface of the battery pack substantially entirely, a supply passage and a discharge passage being provided between the heat insulation cover and the battery pack, the supply passage supplying a heat medium to the heat medium passages while the discharge passage discharges the heat medium from the heat medium passages; and  
a supply device that supplies the heat medium to the supply passage; and a heating/cooling device coupled to the supply device, wherein the heating/cooling device includes a heating device that heats the heat medium, a heat exchanger that cools the heat medium, and a protection net that collects and discharges drops of dew generated in the heating/cooling device.
2. (Original) The battery pack apparatus according to claim 1, wherein a covering layer formed by metal foil is provided on an outer surface of the heat insulation cover.
3. (Cancelled)
4. (Cancelled)
5. (Currently Amended) The battery pack apparatus according to claim ~~[[3]]~~ 1, wherein the heating device comprises anyone of a PTC heater and a Peltier device that heats the heat medium.

6. (Previously Presented) The battery pack apparatus according to claim 1,  
wherein a valve is provided at each of an entrance of the supply passage  
and an exit of the discharge passage, each valve being capable of opening  
toward a direction of the flow of the heat medium.
7. (Original) The battery pack apparatus according to claim 6,  
wherein a gas-escape passage is provided at an upper end of a space  
closed by the valve within the heat insulation cover.
8. (Previously Presented) The battery pack apparatus according to claim 1,  
wherein a control unit that controls charge and discharge of the  
rechargeable batteries is arranged next to the battery pack and is accommodated  
in the heat insulation cover.
9. (Previously Presented) The battery pack apparatus according to claim 8,  
wherein an expanded space is formed in a region near and above the  
control unit in the space within the heat insulation cover to expand upward, and  
wherein an opening from the upper end of the expanded space to the  
outside is provided.
10. (Currently Amended) The battery pack apparatus according to  
claim [[3]] 1,  
wherein the supply device and the heating/cooling device are arranged  
next to the battery pack and accommodated in the heat insulation cover, and  
wherein a discharge side of the supply device is connected to the supply  
passage via the heating/cooling device.
11. (Previously Presented) The battery pack apparatus according to claim  
[[3]] 1,  
wherein the supply device and the heating/cooling device are arranged  
next to the battery pack and-is accommodated in the heat insulation cover, and

wherein an intake side of the supply device is connected to the discharge passage via the heating/cooling device.

12. (Previously Presented) The battery pack apparatus according to claim 10, wherein a drain passage is provided for draining drops of dew formed in the cooling device to the outside of the heat insulation cover is provided.

13. (Previously Presented) The battery pack apparatus according to claim 10, wherein a water absorbing sheet is attached to an outer surface of a duct for connecting the supply device and at least one of the supply passage and the discharge passage.

14. (Previously Presented) The battery pack apparatus according to claim 10, wherein a duct for connecting the supply device and at least one of the supply passage and the discharge passage is formed from a heat insulation material.

15. (Previously Presented) The battery pack apparatus according to claim 11, wherein a drain passage is provided for draining drops of dew formed in the cooling device to the outside of the heat insulation cover is provided.

16. (Previously Presented) The battery pack apparatus according to claim 11, wherein a water absorbing sheet is attached to an outer surface of a duct for connecting the supply device and at least one of the supply passage and the discharge passage.

17. (Previously Presented) The battery pack apparatus according to claim 11, wherein a duct for connecting the supply device and at least one of the supply passage and the discharge passage is formed from a heat insulation material.